

The world's most advanced **Battery-Powered VIDEOCORDER** and hand-held

TV VIDEO CAMERA



A new dimension in sight and sound recording has been achieved with a miniaturized Videocorder, now able to be carried over your shoulder . . . and a solid state TV Camera that is handheld, trigger-ready to shoot "live" action, indoors or outdoors.

There are no limitations with your portable Videocorder and Camera. And, this is no "adaptation" of standard models! The DVK-2400 Battery Operated Videocorder uses the 1/2"wide magnetic video tape, running at 71/2 ips . . . the same used with the lat-

est Videocorder models. The tape you take on your DVK-2400 model is playable immediately, or at a later date on any Sony Videocorder, the most popular video tape recording system avail-

The Battery Operated Videocorder. in a comfortable, compact shoulderpack weighs a mere 11 pounds! It goes where you go and is completely solid state. There are no wires . . . no cables . . . no converters . . . no limitations as to where and when you can record sight and sound.

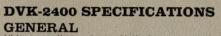
The Hand-Held TV Camera is simple to operate. A dynamic microphone mounted on top of the camera picks up your audio . . . a built-in 1-inch TV screen Viewfinder helps frame your picture and shows you exactly what is being taped. There is a remote-control trigger on the camera handle that starts you recording, immediately! One simple cable connection between camera and Videocorder and your system is complete, and ready to operate. The lens on your TV Camera is Sony's 16-64mm, F-2, C-Mount, Zoom,

The potential and applications of the DVK-2400/VCK-2400 Videocorder and Camera Ensemble are limitless. Here is the Videocorder that goes any-

# **SONY Battery-Operated** VIDEOCORDER GIVES YOU FEATURES LIKE THESE...

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- ☐ Complete Transportability—both TV Camera and Videocorder are solid state, battery operated. (Adaptable to AC also.)
- ☐ Simple Operation—one-touch start/ stop and fully Automatic Video Level and Audio Level Controls.
- ☐ Built-In TV Screen Viewfinder—shows you exactly what you are taping.
- ☐ Pistol-Grip Handle on TV Camera easy-to-use with remote-control trigger action.
- ☐ 7½ ips Tape Speed—you get up to 20 minutes of recording time on a 5" reel. Tape is replayable on any Sony Video-
- ☐ Batteries—operational for a full hour's recording and are easily rechargeable.
- ☐ Complete Line of Accessories—Zoom lens, Battery Charger, Dynamic Microphone, Carrying Case . . . all come with the ensemble.



Video recording system \_\_\_Helical\_scan\_recording (playback on any SONY CV-2000 series Videocorder) Servo system \_\_ Proportional frequency control

Recording time \_\_\_\_\_\_20 minutes per 5" reel Video and audio level control \_\_\_Fully automatic Video head \_\_\_\_\_\_ One, rotary Audio/Control heads\_\_\_\_Stationary, two track Erase head \_\_\_\_ \_\_\_\_\_Full track \_\_\_\_\_Maximum diameter 5" inches Reel size \_\_\_\_ Two Globe-Union Inc. Model 626-2 rechargeable storage batteries, or-the SONY Model AC-2400 AC Power

Ao	aptor
Battery operating tim	
	charge cycle
Battery charging tim	e 8 hour
TapeSON	Y 1/2" V series or equivaler
Tape speed	7½ inches per secon
Tape width	½ inc
Operating position	Ar
Operating temperatu	re range 0-40° C
	(32-104° F
Power requirements	12 volts D
Power consumption	10 watts (camer
	not included)

# ELECTRONIC

Recording signal \_\_Composite video based on American TV standards as produced by the DVC-2400 camera only Semiconductor complement \_\_\_\_\_42 transistors.

21 diodes (recorder only) Signal recording method \_ Frequency

Horizontal resolution\_Approximately 220 lines when the tape is played back on a CV-2000 se-

Video signal-to-noise ratio\_\_\_Greater than 40 db

Video input (from DVC-2400) \_\_1 volt (p-p) into 50 ohms, sync \_100 to 8000 Hz Audio frequency range Audio signal-to-noise ratio\_\_\_\_

65 db, 600 ohms PHYSICAL \_111/4" × 4%" × 11 %6" \_Two-tone grey Case color\_

### STANDARD ACCESSORIES Zipper-type carrying cove

Battery charger BC-2400\_\_\_\_\_To recharge the storage batteries Batteries \_\_\_\_\_Two Globe-Union Model 626-2
Tape Reel (empty) RH-5V Polishing cloth 
Splicing tape Cleaner set Earphone CE-3

#### SYSTEM COMPONENTS

The following components are required in addition to the DVK-2400 for complete mobile-recording and playback operations. \_SONY VCK-2400

Videocorder\_\_One of the SONY CV-2000 series (for playback) TV Monitor Any monitor made for the CV-2000 series Videocorder (for playback display)

# **OPTIONAL ACCESSORIES**

AC Power Adaptor Model AC-2400
This adaptor permits the portable Videocorder to be operated from household AC service. In addition the AC-2400 can be used to charge the batteries while they are still inside the DVC-

# VCK-2400 CAMERA ENSEMBLE

Video Camera DVC-2400 ☐ Hand grip (with trigger) ☐ Zoom lens ☐ Microphone F-45A ☐ Shoulder strap ☐ Camera-connecting cable ☐ Polish-

# **DVC-2400 SPECIFICATIONS**

\_525 lines, 60 fields per second with 2:1 interlace (sync supplied by the DVK-2400 Videocorder) Standard lens VCL-16 Zoom type, 16-64 mm. F2 M-7075 or M-6631 Video output 1.0v (p-p) into 50 ohms sync negative

Greater than 400 lines Horizontal resolution\_\_\_ Video signal-to-noise ratio\_\_\_Greater than 40 db Control range\_ 600 to 100,000 lux Semiconductor complement 1 diode, 1 integrated circuit Power requirements \_\_DC power supplied by the DVK-2400 Portable Videocorder or the CMA-1 adaptor only Power consumption\_ \_1.3 inches measured

#### pickup characteristics. Unidirection (cardioid) Weight (camera alone) \_4 lbs. 4 oz.

Viewfinder horizontal

Microphone F-45 A

Camera dimensions\_

OPTIONAL ACCESSORIES Camera Adaptor, \_\_Permits the DVC-2400 camera to be used directly with the SONY Videocorder In the CV-2000 series

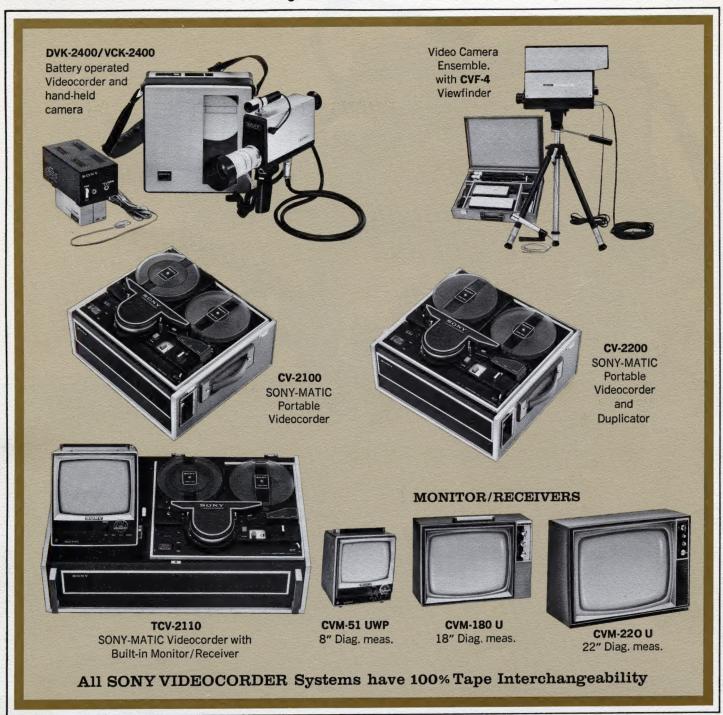
Uni-pod \_\_\_\_Helps to steady the camera while maintaining full freedom of move-

Camera Extension Cable \_\_Permits the camera to be operated at a greater distance

\_250 lines (center screen)

23/4" x 5" x 81/4"

# SONY® VIDEOCORDER® Systems



Sold by